ELSEVIER

Neuroscience Letters 301 (2001) 209–211

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 301

Volume 301, no. 1

Guidelines for the submission of manuscripts v

Acetyl-L-carnitine enhances Na^+, K^+-ATPase glutathione-S-transferase and multiple unit activity and reduces lipid peroxidation and lipofuscin concentration in aged rat brain regions
J. Kaur, D. Sharma, R. Singh (India) 1

Deafferentation of the hippocampus results in the induction of AT8 positive 'granules' in the rat
A.K. Mudher, B. Yee, A.D. Smith, V.H. Perry (UK) 5

An electrophysiological test of the effect of the temporal pattern of light adaptation on teleost H1 type horizontal cell plasticity
S.N. Haamedi, M.B.A. Djamgoz (UK) 9

Differential coupling of voltage-gated Ca^{2+} channels to catecholamine secretion from separate PC12 cell batches
K.N. Green, S.C. Taylor, I.F. Smith, C. Peers (UK) 13

Differential antinociceptive effect of transcutaneous electrical stimulation on pain behavior sensitive or insensitive to phentolamine in neuropathic rats
T.S. Nam, Y. Choi, D.S. Yeon, J.W. Leem, K.S. Paik (South Korea) 17

Heterogeneous responses of aquaporin-4 in oedema formation in a replicated severe traumatic brain injury model in rats
C. Ke, W.S. Poon, H.K. Ng, J.C.-S. Pang, Y. Chan (PR China) 21

Visual feedback of the moving arm allows complete adaptation of pointing movements to centrifugal and Coriolis forces in human subjects
C. Bourdin, G. Gauthier, J. Blouin, J.-L. Vercher (France) 25

The imidazoline receptor ligand 2-(2-benzofuranyl)-2-imidazoline is a dopamine-releasing agent in the rat striatum in vivo
A. Sastre-Coll, S. Esteban, A. Miralles, R. Zanetti, J.A. García-Sevilla (Spain, Switzerland) 29

Adhesion of adenosine diphosphate-activated platelets to human brain microvascular endothelial cells under flow in vitro is mediated via GPIIb/IIIa
N. Tanahashi, Y. Fukuuchi, M. Tomita, Y. Tomita, K. Inoue, H. Satoh, T. Abe (Japan) 33

Brain potentials in human patients with extremely severe diffuse brain damage
B. Kotchoubey, S. Lang, R. Baales, E. Herb, P. Maurer, G. Mezger, D. Schmalohr, V. Bostanov, N. Birbaumer (Germany, Italy) 37

NOTCH4 gene polymorphism and susceptibility to schizophrenia and schizoaffective disorder
H. Ujike, Y. Takehisa, M. Takaki, Y. Tanaka, K. Nakata, T. Takeda, M. Kodama, Y. Fujiwara, A. Yamamoto, S. Kuroda (Japan, USA) 41

The transfer of a timing pattern to the untrained human hand investigated with functional magnetic resonance imaging
K. Lutz, R. Weidner, N.J. Shah, L. Jäncke (Germany) 45

Melatonin modulates γ-aminobutyric $acid_A$ receptor-mediated currents on isolated carp retinal neurons
G.-L. Li, P. Li, X.-L. Yang (People's Republic of China) 49

Early induction of interleukin-6 mRNA in the hippocampus and cortex of APPsw transgenic mice Tg2576
R. Tehranian, H. Hasanvan, K. Iverfeldt, C. Post, M. Schultzberg (Sweden) 54

Dual role of glutamatergic neurotransmission on amyloid β_{1-42} aggregation and neurotoxicity in embryonic avian retina
P.R. Louzada Jr., A.C. Paula Lima, F.G. de Mello, S.T. Ferreira (Brazil) 59

Plantar stimulation can affect subjective straight-ahead in neglect patients
C. Richard, M. Rousseaux, J. Honoré (France) 64

Activation of CB1 cannabinoid receptors in rat hippocampal slices inhibits potassium-evoked cholecystokinin release, a possible mechanism contributing to the spatial memory defects produced by cannabinoids
M.C. Beinfeld, K. Connolly (USA) 69

Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein
G. S. Pereira, R. Walz, C.D. Bonan, A.M.O. Battastini, I. Izquierdo, V.R. Martins, R.R. Brentani, J.J.F Sarkis (Brazil) 72

Feeling vibrations: enhanced tactile sensitivity in congenitally deaf humans
S. Levänen, D. Hamdorf (Finland) 75

Announcement 78

Volume 301, no. 2

Activation of γ-aminobutyric acid$_B$ receptors by baclofen improves visual temporal property of relay cells in the cat lateral geniculate nucleus
Y. Yang, Y. Zhou, T. Shou (People's Republic of China) 79
Laminin-5 promotes neurite outgrowth from central and peripheral chick embryonic neurons
B. Culley, J. Murphy, J. Babaie, D. Nguyen, A. Pagel, P. Rousselle, D.O. Clegg (USA, France) 83
Magnetic resonance lipid signals in rat brain after experimental stroke correlate with neutral lipid accumulation
C. Gasparovic, G.A. Rosenberg, J.A. Wallace, E.Y. Estrada, K. Roberts, A. Pastuszyn, W. Ahmed, G.D. Graham (USA) 87
Antioxidants prevent ethanol-induced contractions of canine cerebral vascular smooth muscle: relation to alcohol-induced brain injury
W. Li, T. Zheng, B.T. Altura, B.M. Altura (USA) 91
Phosphoramidon-sensitive endothelin-converting enzymes modulate cerebral blood flow and neural damage of hypoxic rats
L. Park, J. Thornhill (Canada) 95
Calcium/calmodulin-dependent protein kinase inhibition potentiates thapsigargin-mediated cell death in SH-SY5Y human neuroblastoma cells
K.M. McGinnis, K.K.W. Wang, M.E. Gnegy (USA) 99
Neurosteroid-induced enhancement of glutamate transmission in rat hippocampal slices
L.D. Partridge, C.F. Valenzuela (USA) 103
The expression profiles of neurotrophins and their receptors in rat and chicken tissues during development
F.C.F. Ip, J. Cheung, N.Y. Ip (PR China) 107
Nucleus basalis Meynert lesions and the expression of nicotinic acetylcholine receptor proteins in the rat frontal cerebral cortex
L. Burghaus, U. Schütz, K. Simonnet, U. Krempel, J. Lindstrom, H. Schröder (Germany, USA) 111
Intrathecal magnesium sulfate attenuates algogenic behavior and spinal amino acids release after kainic acid receptor activation in rats
P.-S. Tsai, J.-K. Cheng, M. Marsala, C.-R. Lin, G.-H. Wen, L.Ch. Yang (Taiwan, USA) 115
Expression of the extra-large G protein α-subunit XLαs in neuroepithelial cells and young neurons during development of the rat nervous system
H.A. Pasolli, W.B. Huttner (Germany) 119
Intracerebroventricular injection of ghrelin and growth hormone releasing factor inhibits food intake in neonatal chicks
M. Furuse, T. Tachibana, A. Ohgushi, R. Ando, T. Yoshimatsu, D.M. Denbow (Japan, USA) 123
Changes in post-tetanic potentiation of A-fiber dorsal horn field potentials parallel the development and disappearance of neuropathic pain after sciatic nerve ligation in rats
P. Draganic, G. Miletic, V. Miletic (Croatia, USA) 127
Persistent c-fos expression and NADPH-d reactivity in the medulla and the lumbar spinal cord in rat with short-term peripheral anosmia
A.V. Kalueff, V.A. Maisky, A.I. Pilyavskii, N.E. Makarchuk (Ukraine) 131
Prenatal cigarette smoke exposure selectively alters protein kinase C and nitric oxide synthase expression within the neonatal rat brainstem
S.U. Hasan, N. Simakajornboon, Y. MacKinnon, D. Gozal (Canada, USA) 135
The alterations of *N*-Methyl-D-aspartate receptor expressions and oxidative DNA damage in the CA1 area at the early time after ischemia-reperfusion insult
M.H. Won, T.-C. Kang, S.-K. Park, G.-S. Jeon, Y.-W. Kim, J.H. Seo, E.-M. Choi, M.-H. Chung, S.S. Cho (South Korea) 139
Site-dependent effects of an acute intensive exercise on extracellular 5-HT and 5-HIAA levels in rat brain
D. Gomez-Merino, F. Béquet, M. Berthelot, M. Chennaoui, C.Y. Guezennec (France) 143
Modulation of the growth and guidance of rat brain stem neurons using patterned extracellular matrix proteins
C.K. Yeung, L. Lauer, A. Offenhäusser, W. Knoll (Germany, UK) 147
Implicit sub-unit learning in a serial reaction time task in humans
F.H.C.E. van der Graaf, B.M. de Jong, A.A. Wijers (Netherlands) 151

Announcement 128

Volume 301, no. 3

Uptake and efflux of the peptidic delta-opioid receptor agonist [D-penicillamine^{2,5}]-enkephalin at the murine blood–brain barrier by in situ perfusion
C. Dagenais, J. Ducharme, G.M. Pollack (USA, Canada) 155
Presence of different ATP receptors on rat midbrain single synaptic terminals. Involvement of the P2X$_3$ subunits
M. Díaz-Hernández, R. Gómez-Villafuertes, F. Hernando, J. Pintor, M.T. Miras-Portugal (Spain) 159
Enlargement of the fornix in early-onset schizophrenia: a quantitative MRI study
D.C. Davies, A.M.J. Wardell, R. Woolsey, A.C.D. James (UK) 163
Determination of 14–3–3 protein levels in cerebrospinal fluid from Creutzfeldt–Jakob patients by a highly sensitive capture assay
K. Peoc'h, H.C. Schröder, J.-L. Laplanche, S. Ramljak, W.E.G. Müller (France, Germany) 167

Energetic metabolism in mouse cerebral cortex during chronic hypoxia
R. Cáceda, J.L. Gamboa, J.A. Boero, C. Monge-C, A. Arregui (Perú) 171
Regional distribution of ethanolamine plasmalogen in the hippocampal CA1 and CA3 regions and cerebral cortex of the gerbil
M. Kubota, M. Nakane, T. Nakagomi, A. Tamura, H. Hisaki, H. Shimasaki, N. Ueta (Japan) 175
The additivity of the auditory feature analysis in the human brain as indexed by the mismatch negativity: 1+1≈2 but 1+1+1<3
P. Paavilainen, S. Valppu, R. Näätä</acnen (Finland) 179
Induction of cysteine string protein after chronic antidepressant treatment in rat frontal cortex
M. Yamada, M. Yamada, S. Yamazaki, K. Takahashi, K. Nara, H. Ozawa, S. Yamada, Y. Kiuchi, K. Oguchi, K. Kamijima, T. Higuchi, K. Momose (Japan) 183
A new method for measuring the conduction velocities of Aβ-, Aδ- and C-fibers following electric and CO_2 laser stimulation in humans
T.D. Tran, K. Lam, M. Hoshiyama, R. Kakigi (Japan) 187
Functional modulation of gamma-aminobutyric $acid_A$ receptors by etifoxine and allopregnanolone in rodents
M. Verleye, R. Schlichter, G. Neliat, Y. Pansart, J.M. Gillardin (France) 191
Induction of Fos-like immunoreactivity in the ventral thalamus after electrical or chemical stimulation of various subcortical centres of rats
C. Kolmac, J. Mitrofanis (Australia) 195
Elevated plasma amyloid β-peptide 1–42 and onset of dementia in adults with Down syndrome
N. Schupf, B. Patel, W. Silverman, W.B. Zigman, N. Zhong, B. Tycko, P.D. Mehta, R. Mayeux (USA) 199

Announcement 204
Author Index to Volume 301 205
Contents to Volume 301 209